

RESUME

EXPERIENCE SUMMARY:

Program Management, Systems Acquisition, Systems Engineering, Software Engineering, Acquisition Logistics, Electronics Engineering, Contract Administration, Risk Management, Hardware Design and Development, Software Design and Development

EXPERIENCE:

February 1999 to Present

Engineering Acquisition Support Team Manager, GG-854-13
Directorate of Engineering and Architecture
[REDACTED]

- Plan, organize, and direct the activities of a multi-disciplined team of engineering and acquisition experts (Government, FFRDC and SETA), identifying and resolving acquisition planning issues and providing solutions to the SMC Wings.
- Support the disciplined review of critical SMC acquisition documentation. Manage resources to meet the needs of the staff and customers adequately and effectively.
- Report findings and provide recommendations to the SMC Chief Engineer and Wings at each decision point in the acquisition process. Assists in the early activities of SMC acquisition programs including development of the Acquisition Strategy Plan. Makes periodic and comprehensive assessment of team goals and objectives to ensure long-range planning and to enhance organizations management capability
- Exercises supervisory personnel management responsibilities providing planning, directing, organizing, and exercising control over non-supervisory employees assigned. Advises and provides counsel to employees regarding policies, procedures, and directives of management.

November 1993 to January 1999

Computer Engineer, GM-854-13
Space Based Infrared Systems (SBIRS) Program Office,
Systems Engineering Division
[REDACTED]

- Responsible for technical management planning, analysis, and oversight in support of systems requirements allocation, analysis of hardware and software related functions.

- Schedule and lead major development reviews and working groups (i.e., software requirements review, preliminary design review, critical design review).
- Organized and directed the activities of the SBIRS to Air Force Satellite Control Network (AFSCN), Interface Control Working Group.
- Lead team that performed software development capability evaluation (CMMI) for program source selection. Exercised review authority over software level requirements and design specifications.
- Monitored contractor software development activities to assure progress on cost, schedule, and performance of ground system software development activities. Tracked, allocated resources and directed the contract change process
- Evaluated and provided recommendations regarding program documents such as Ground Systems Specification, Software Requirements Specifications, Interface Control Documents, and Software Development Plan.
- Participated in and provided input into the source selection process

January 1989 to November 1993

Computer Engineer, GM-854-13.
 Directorate of Systems Acquisition
 Systems Engineering Division,
 [REDACTED]

- Served as SMC Mission Critical Computer Resources (MCCR) expert. Provided software engineering expertise and guidance to the SMC Commander, Program Offices and other SMC staff offices on MCCR issues related to the acquisition and operational support of software intensive systems (satellite vehicles, ground control systems and launch vehicles).
- Administratively detailed to Branch Chief Position from 24 January 1993 to 23 June 1993.

July 1987 to January 1989

Electronics Engineer, GS-855-13
 Space Based Interceptor Program Office (Building 80)
 Systems Engineering Division
 [REDACTED]

- Lead Systems Requirements Definition IPT. Interfaced with AFOTEC ensuring requirements testability. Ensured System Requirements traceability.

- Managed the conduct of major program reviews (SRR, PDR, and CDR).
- Managed development Statement of Work and ensured correct compliance documentation included.

July 1986 to July 1987

Senior Systems Engineer

Magnavox Advanced Products and Systems, Torrance Calif.

[REDACTED]

- Performed system level requirements analysis/allocation and defined the interface control documentation between Satellite and the Ground Control Station.

March 1982 to July 1986

Electronics Engineer, GS-855-12

U.S. Army Satellite Communications Agency

Global Positioning System Joint Program Office

Field Office

[REDACTED]

- Responsible for technical management, planning, and oversight in support of integration of the GPS Receiver and the Army UH-60 Helicopter and the RC-12 reconnaissance aircraft.

- Managed software development for the GPS one and two channel sets. Reviewed requirements, design specifications and in-plant qualification test plans and procedures. Scheduled in-plant software reviews, audits, test activities and conducted specification reviews as required. Wrote pertinent statement of work and request for proposal sections and evaluated contractor's software development processes during source selection. Established design, development and test requirements for the GPS integrated support facility.